

The claims, with status identifiers are as follows:

Claim 1 (Currently Amended): A microtome for the production of tissue sections in histology, in which an object to be sectioned is passed past a stationary knife for production of said tissue sections, comprising:

a disk-shaped knife (3), which has the shape of a regular polygon, with edges that comprise cutting edges (4), and

a knife holder (1) with a knife receiver (2) for arresting and positioning said disk-shaped knife (3),

wherein said knife is received in said knife receiver (2) is constructed for reception of said knife (3), and,

wherein said knife receiver (2) has a shaft (5) by about which said knife (3) is rotatable such that said cutting edges (4) are positionable for cutting an object and, whereby by rotation of said knife about said shaft various ones of said of cutting edges can be brought into a position to cut said object.

Claim 2 (Currently Amended): The microtome according to Claim 1, wherein said knife holder (1) has a depression (6) for reception of said knife (3) in which said knife is received and for protection of said cutting edges (4), with an opening (7) that serves for working use of one of said cutting edges (4).

Claim 3 (Currently Amended): The microtome according to Claim 1, wherein said knife receiver (2) comprises a rotatable mounting (8) for that mounts said knife (3) in said knife receiver.

Claim 4 (Currently Amended): The microtome according to Claim 3, wherein said rotatable mounting (8) has a positioning element (9) for holding said knife (3) in position, by

which positioning element (9) said cutting edges (4) of said knife (3) come into a defined position relative to said mounting (8).

Claim 5 (Currently Amended): The microtome according to Claim 4, wherein said knife holder (1) has a detent (10) for said ~~rotatable mounting (8)~~ shaft that latches said rotatable mounting when one of said cutting edges (4) is situated in a cutting position.

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Claim 6 (Currently Amended): The microtome according to Claim 3, wherein said knife receiver (2) has a plane surface (11) arranged such that said knife (3) ~~is positionable wherein the knife is positioned~~ between said plane surface and said rotatable mounting (8).

Claim 7 (Currently Amended): The microtome according to Claim 1, further comprising a numbering arrangement (12) assigned to said cutting edges (4) of said knife (3).

Claim 8 (Currently Amended): The microtome according to Claim 1, further comprising a releasable stop (13) ~~for rotation of said knife (3) for location of~~ fixing said knife (3) in cutting positions.

Claim 9 (Currently Amended): The microtome according to Claim 1, wherein said knife holder comprises a knife holder housing (14) that is chamfered left and right of a location (15) for said cutting edge (4) when said cutting edge is in a position for use.

Claim 10 (Currently Amended): The microtome according to Claim 1, wherein said knife holder comprises a knife holder housing (14) that is rounded off left and right of a location (15) for said cutting edge (4) when said cutting edge is in a position for use.

Claim 11 (Currently Amended): A microtome for production of tissue sections in histology, in which an object to be sectioned is passed past a stationary knife for production of said

tissue sections, wherein said knife is disk-shaped in the a shape of a regular polygon, and said knife has edges that are cutting edges (4).

Σ1 Claim 12 (Currently Amended): The microtome according to Claim 11, wherein said knife has a bore (17) in its middle for reception of a ~~knife holder (1)~~ said knife in a knife receiver (2).

Claim 13 (Currently Amended): The microtome according to Claim 11, wherein said knife has an engagement for a positioning element (9) of a knife receiver (2).

Claim 14: (Original) The microtome according to Claim 11, wherein said knife comprises an octagon shape.

Applicant respectfully believes that this submission fully satisfies the requirements set forth in the Miscellaneous Action mailed September 9, 2003, and now places the specification and claims in the required format for further examination.

Wherefore, further consideration and allowance of the claims in this application is respectfully requested.

Respectfully submitted, _____

M. Robert Kestenbaum

M. Robert Kestenbaum
Reg. No. 20,430
11011 Bermuda Dunes NE
Albuquerque, NM USA 87111
Telephone (505) 323-0771
Facsimile (505) 323-0865

I hereby certify this correspondence is being submitted by facsimile to Commissioner for Patents, on September 12, 2003 to Fax number (703) 872 9302.

M. Robert Kestenbaum

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